

Abstract:

A method and apparatus for reducing the vulnerability of the telecommunications system to unauthorized use that can reduce the instances of unauthorized access. The telecommunications system collects statistics of each user's pattern of telecommunications usage. Typically, these statistics will be in the form of, say, the average number of calls per day or the average number of calls per day on given days of the week. These statistics are taken for a reference period, such as the preceding thirty days, and the corresponding quantity for the current day is also computed. If the current statistics are not excessive as compared with the reference statistics, then access to a communications resource is granted. But if a predetermined deviation is found then a supplemental restriction is placed upon the call.